



# Toxic Chemical Training Course

## Ky Hospital Provider & Hospital HAZMAT Operations

offered by



Chemical Stockpile Emergency  
Preparedness Program



Kentucky Division of  
Emergency Management

London, Ky  
Aug. 19  
8am - 5 pm  
TCTC  
Kentucky Hospital  
Provider Course

Richmond, Ky  
Aug. 20  
8am - 5 pm  
TCTC Hospital  
HAZMAT  
Operations

Lexington, Ky  
Aug. 21  
8am - 5 pm  
TCTC Hospital  
HAZMAT  
Operations

## TOXIC CHEMICAL TRAINING COURSE FOR MEDICAL SUPPORT PERSONNEL

### Kentucky Hospital Provider Course

“The Emergency Medical Training and Preparedness Division of SAIC is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.”

“The Emergency Medical Training and Preparedness Division of SAIC designates this education activity for a maximum of 6.25 category 1 credits toward the AMA Physician’s Recognition Award. Each physician should claim only those credits that he/she actually spent in the educational activity.”

This course is designed for medical support providers and for nurses and physicians.

The purpose of this activity is to provide training with an emphasis on the Incident Command System and Agent casualties for medical support personnel who may be called upon to treat chemical agent casualties following a catastrophic release from an Army storage or disposal facility.

The activity will include the following objectives:

Chemical Warfare Agents - Identify the clinical signs and symptoms of chemical agent exposures and the appropriate therapeutic interventions for treating these casualties.

Hospital Emergency Incident Command System Roles and Responsibilities - Describe the key positions and their associated responsibilities that may be activated when utilizing the hospital emergency incident command system.

Recognition and Management of Biologic Threat Agents - Identify the clinical signs and symptoms of biological agent exposures of bacteria, viruses and toxins and the appropriate therapeutic interventions for treating these casualties.



**TOXIC CHEMICAL TRAINING COURSE FOR MEDICAL SUPPORT PERSONNEL**

**Kentucky Hospital Provider Course**

**August 19, 2003**

**8am - 5pm**

**St. Williams Catholic Church**

**525 W. 5th Street**

**London, KY**

**AGENDA**

7:30 – 8:00 COURSE REGISTRATION

8:00 – 8:30 WELCOME / COURSE OVERVIEW

**The course director welcomes the students; the course objectives are presented, followed by an introduction of the instructors, students and an overview of the day's activities.**

Mr. WeilerMs. Hladasz

8:30 – 10:00 CHEMICAL WARFARE AGENTS

**A review of the clinical signs and symptoms of chemical agent exposures and the appropriate therapeutic interventions for treating these types of casualties will be presented.**

Dr. Urbanetti

10:00 – 10:10 BREAK

10:10 – 11:00 HOSPITAL EMERGENCY INCIDENT COMMAND SYSTEM ROLES AND

**RESPONSIBILITIESAn overview and brief history of the Hospital Emergency Incident Command System (ICS) presented. The chief roles and responsibilities of key positions using the ICS are identified.**

Ms. WilcoxsonMs. Hladasz

11:00 – 11:10 BREAK

11:10 – 12:00 HOSPITAL EMERGENCY INCIDENT COMMAND SYSTEM EXERCISE #1

**A hospital related setting multiple casualty incident involving an accidental release of a hazardous material is presented. Emphasis is placed on hospital response participants filling the roles in the Hospital Emergency Incident Command System.**

Staff

12:00 – 12:50 LUNCH / AFTER ACTION DISCUSSION OF EXERCISE #1

**Discussion of the exercise will include identification of the areas for improvement and the areas that operated effectively.**

Staff

12:50 – 1:00 BREAK

1:00 – 1:50 HOSPITAL EMERGENCY INCIDENT COMMAND SYSTEM EXERCISE # 2

**A hospital related setting multiple casualty incident involving an accidental release of a hazardous material is presented. Emphasis is placed on hospital response participants filling the roles in the Hospital Emergency Incident Command System.**

Staff

1:50 – 2:00 BREAK

2:00 – 2:50 AFTER ACTION DISCUSSION OF EXERCISE #2

**Discussion of the exercise will include identification of the areas for improvement and the areas that operated effectively.**

Staff

2:50 – 3:00 BREAK

3:00 - 4:30 RECOGNITION AND MANAGEMENT OF BIOLOGICAL THREAT AGENTS

**Identification of various biological weapons agents, the associated signs and symptoms of each and the transmission risk of the biological bacteria, viruses and toxins are discussed.**

Dr. Urbanetti

4:30 – 4:45 CERTIFICATE PRESENTATION and CLOSING REMARKS

## **TOXIC CHEMICAL TRAINING COURSE FOR MEDICAL SUPPORT PERSONNEL**

### **Kentucky Hospital HazMat Operations Course**

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This course is designed for medical support providers and for nurses and physicians.

The purpose of this activity is to provide training with an emphasis on the overall hazardous materials operations for medical support personnel who may be called upon to treat casualties following an incident in the CSEPP community.

The activity will include the following objectives:

Introduction to Regulatory Issues and Overview - Discuss the hospital role in the management of a hospital-related hazardous materials incident.

Health Effects of Hazardous Materials - Discuss the health effects, risk factors and preventive measures relating to hospital and staff in a hospital-related hazardous materials incident.

Evaluation and Management of the Contaminated Patient - Discuss the management factors that must be considered when a hazardous materials contaminated patient presents to the hospital facility.

Practical-Exercise Rotation - Demonstrate the appropriate response for the care of a hazardous materials-contaminated patient, including hazard assessment, patient assessment, and responder use of personal protective equipment.



**TOXIC CHEMICAL TRAINING FOR MEDICAL SUPPORT PERSONNEL**  
**Kentucky Hospital Hazardous Materials Operations Course**

**August 20, 2003**  
8am - 5pm  
EMS Training Center  
556 South Keeneland Drive  
Richmond, KY 40475

**August 21, 2003**  
8am - 5pm  
Sheraton Suites Hotel  
2601 Richmond Rd.  
Lexington, Kentucky 40509

**AGENDA**

7:30 – 8:00 COURSE REGISTRATION

8:00 – 8:15 WELCOME / COURSE OVERVIEW

**The course director welcomes the students; the course objectives are presented, followed by an introduction of the instructors, students and an overview of the day's activities.** Mr. Weiler, Ms. Hladasz

8:15 – 9:15 INTRODUCTION TO REGULATORY ISSUES AND OVERVIEW

**An overview of hospitals operations regarding the management of patients with hazardous materials contamination, and the focus of hospital employees involved in the decontamination process are presented. Issues regarding CSEPP and JCAHO Environment of care standards are also discussed. The chief roles and responsibilities of key positions within the HEICS are identified.** Ms. Wilcoxson, Ms. Hladasz

9:15 – 9:25 BREAK

9:25 – 10:05 HEALTH EFFECTS OF HAZARDOUS MATERIALS

**Chemical, biological and radiological hazardous materials are discussed. An overview of health effects, risk factors and preventive measures relating to hospitals and staff is presented.** Dr. Urbanetti

10:05 – 10:15 BREAK

10:15 – 11:05 EVALUATION AND MANAGEMENT OF THE CONTAMINATED PATIENT

**The presentation of a contaminated patient to a facility, the risks to the health care workers, specifically from chemical, biological and radiological materials is discussed.** Dr. Urbanetti

11:05 – 11:15 BREAK

11:15 – 12:00 HAZARDOUS MATERIALS INCIDENT SCENARIO **A chemical incident scenario is used to discuss the proper selection of PPE, decontamination, incident command, hospital staffing issues and treatment of contaminated patients.** Dr. Urbanetti, Ms. Wilcoxson, Ms. Hladasz

12:00 – 1:00 LUNCH TIME DISCUSSION: SPECIAL CONSIDERATIONS IN HAZARDOUS MATERIALS INCIDENTS

**Discussion of the special considerations involving a hazardous material incident will occur. Topics include hazards of PPE, diagnostic uncertainty and staff exposure.** Dr. Urbanetti, Ms. Wilcoxson, Ms. Hladasz

1:00 – 4:50 PRACTICAL- EXERCISE ROTATION

**STATION ONE – Hazard Identification Exercise** Practical evolution involving the use of the North American Emergency Response Guidebook and MSDS. **STATION TWO – HEICS Exercise** HEICS system function is reinforced with a chemical scenario and presentation to the group for resolution. **STATION THREE – PPE** Proper PPE selection, attendees carry out donning and doffing techniques. **STATION FOUR – PPE Skill stations** Various skills will be performed allowing the student to mimic triaging patients while wearing PPE. Dr. Urbanetti, Ms. Wilcoxson, Ms. Hladasz

4:50 – 5:00 CERTIFICATE PRESENTATION and CLOSING REMARKS

Mr. Weiler, Ms. Hladasz

# Registration

Please enroll me in the following courses:



London, Ky

Aug. 19

8am - 5 pm

TCTC

Kentucky Hospital Provider Course



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Operations



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Name: \_\_\_\_\_

Title: \_\_\_\_\_

email: \_\_\_\_\_

Phone: \_\_\_\_\_

Agency: \_\_\_\_\_

Email registration information to: [Colleen.Kaelin@mail.state.ky.us](mailto:Colleen.Kaelin@mail.state.ky.us)

or

Mail registration form to:

Colleen Kaelin

Kentucky Department of Public Health

Frankfort, KY 40621

